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*****CHEMICAL AND PHARMACEUTICAL BULLETIN*****

Yoshikawa M Matsuda H Shimoda H Shimada H Harada E Naitoh Y Miki A Yamahara J Murakami N

Development of bioactive functions in *hydrangeae dulcis folium*. V. On the antiallergic and antimicrobial principles of *hydrangeae dulcis folium*. (2). Thunberginols C, D, and E, thunberginol G 3'-O- glucoside, (-)-hydrangenol 4'-O-glucoside, and (+)-hydrangenol 4'-O- glucoside.

In: *Chem Pharm Bull (Tokyo)* (1996 Aug) 44(8):1440-7

ISSN: 0009-2363

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Registry Numbers:

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53902-12-8 (tranilast)

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Registry Numbers:

50-99-7 (Glucose)

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ISSN: 0009-2363

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In: *Chem Pharm Bull (Tokyo)* (1992 Nov) 40(11):3121-3

ISSN: 0009-2363

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Registry Numbers:

147666-80-6 (thunberginol A)
147666-81-7 (thunberginol B)
147666-82-8 (thunberginol F)
480-46-6 (phyllodulcin)
480-47-7 (hydrangenol)
80809-81-0 (AA 861)

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*****JOURNAL OF PROSTHETIC DENTISTRY*****

Nakamoto K Sadamori S Hamada T
Effects of crude drugs and berberine hydrochloride on the activities of fungi.
In: J Prosthet Dent (1990 Dec) 64(6):691-4
ISSN: 0022-3913

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Registry Numbers:

110-54-3 (n-hexane)
2086-83-1 (Berberine)
7732-18-5 (Water)

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*****PLANTA MEDICA*****

Kinoshita K Morikawa K Fujita M Natori S
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In: Planta Med (1992 Apr) 58(2):137-45
ISSN: 0032-0943

The inhibitory effects of 151 natural products, representing most of the frequently occurring types, on the cytotoxicity to MM2 tumor cells of polymorphonuclear leucocytes (PMN) induced by TAK, a polysaccharide immunomodulator, were examined. Forty-two compounds inhibited the TAK-induced activation of PMN. Among them, some naturally occurring quinones and various alkaloids (nicotine, *Cinchona* alkaloids, isoquinoline alkaloids such as cepharamthine, and indole alkaloids such as ajmaline) exhibited potent inhibitory effects. Using the inhibition assay for monitoring, the extracts of *Hydrangea Dulcis folium*, *Scopoliae rhizoma*, *Cinchona cortex*, *Magnoliae cortex*, *Stephania tuber*, and *Rauwolfia radix* were analysed to characterize the active constituents.

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Murakami N Yoshikawa M
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In: *Yakugaku Zasshi* (1994 Jun) 114(6):401-13
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[Quantitative analysis of dihydroisocoumarin constituents of *Hydrangea Dulcis*
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fluctuation]

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Registry Numbers:
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480-47-7 (hydrangenol)

HYDRANGEA

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